

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"10583644".rlan. or ("10".src. and "583644".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/11/23 14:56
L6	1	dianhydride with diol same (equilibri\$4 or revers\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/23 15:24
S93	317037	(Methacrylic acid) or (2-methyl-2-propenoic acid) or (Acrylic acid) or (prop-2-enoic acid) or (Cinnamic acid) or (Phenylacrylic acid) or (3-Phenyl-2-propenoic acid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/23 13:50
S94	9338	(pyromellitic dianhydride) or (ethylene glycol-bis(anhydrottrimellitate)) or (glycerin bis(anhydrottrimellitate) monoacetate) or (1, 2,3,4-butanetetracarboxylic dianhydride) or (3,3',4'-diphenylsulfonetetracarboxylic dianhydride) or (3,3',4'-benzophenonetetracarboxylic dianhydride) or (3,3',4'-biphenyltetracarboxylic dianhydride) or (3,3',4'-diphenylethertetracarboxylic dianhydride) or (2,2-bis(3, 4-anhydrodicarboxyphenyl)propane) or (2, 2-bis(3, 4-anhydrodicarboxyphenylhexafluoropropane)) or (5-(2, 5-dioxotetrahydro-3-furanyl)-3-methylcyclohexene-1,2-dicarboxylic anhydride) or (3a,4, 5,9b-tetrahydro-5-(tetrahydro-2, 4-dioxo-3-furanyl)-naphtho[1,2-c]fur- an-1, 3-dione)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/04/23 13:50
S95	8247	(4,4-diaminodiphenylmethane) or (3, 4'-diaminodiphenylmethane) or (4, 4'-diaminodiphenylether) or (3, 4'-diaminodiphenylether) or (4, 4'-diaminodiphenylsulfone) or (3, 4'-diaminodiphenylsulfone) or (4, 4'-diaminobenzophenone) or (3, 4'-diaminobenzophenone)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/04/23 13:50

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S96	4	("2001051991").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/23 13:50
S97	4592	polyamide acid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/23 13:50
S98	70	polyamide acid and 528/310.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/23 13:50
S99	36315	(hydroquinone diglycidyl ether) or (catechol diglycidyl ether) or (resorcinol diglycidyl ether) or bisphenol\$1A or bisphenol\$1F or bisphenol\$1S or (2, 2-bis(4-hydroxyphenyl)-1,1,1,3,3, 3-hexafluoropropane) or (hydrogena\$6 near10 (bisphenol\$1A or bisphenol\$1F or bisphenol\$1S or (2, 2-bis(4-hydroxyphenyl)-1,1,1,3,3, 3-hexafluoropropane))) or (bromina\$6 near10 (bisphenol\$1A or bisphenol\$1F) or (cyclohexane dimethanol diglycidyl ether) or (1,6-hexanediol diglycidyl ether) or (1, 4-butanediol diglycidyl ether) or (diethyleneglycol diglycidyl ether) or (polysulfide diglycidyl ether) or (bixylenol near5 epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/23 13:50
S10 3	2	("2001323036").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/23 13:50
S11 1	5	((("2001192431") or ("2002072470")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/23 13:50

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S11 2	931	S99 with S93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/23 13:53
S11 6	169	S99 with S93 with polyester	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/23 13:57
S11 8	8	S99 with S93 with polyester and S94	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/23 13:57
S11 9	132	(unsaturat\$4 near polyester) same dianhydride	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/23 13:59
S12 0	22	S119 and S93 and S99	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/23 14:00
S12 1	619	S97 and photosen\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/23 14:03
S12 2	40	S97 and photosen\$6 and S99	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/23 14:04

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S12 4	9	S97 and photosen\$6 and S99 and dianhydride and diamine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/23 14:04
S12 6	471	S99 same S93 and poly\$1ol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/23 14:08
S12 7	15	S126 and S94 and polyester	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/23 14:08
S13 5	2	"20010056174" and okada.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/23 15:14
S13 8	309	S95 S94 S97	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/04/23 15:46
S13 9	85	S95 same S94 S97	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/04/23 15:47
S14 0	11	S95 near S94 S97	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/04/23 15:47
S14 1	317209	(Methacrylic acid) or (2-methyl-2-propenoic acid) or (Acrylic acid) or (prop-2-enoic acid) or (Cinnamic acid) or (Phenylacrylic acid) or (3-Phenyl-2-propenoic acid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/28 20:32

## EAST Search History (Prior Art)

S14 2	1871	polyimide same unsaturat\$4 and S141	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/28 20:32
S14 3	9343	(pyromellitic dianhydride) or (ethylene glycol-bis(anhydrotrimellitate)) or (glycerin bis(anhydrotrimellitate) monoacetate) or (1, 2,3,4-butanetetracarboxylic dianhydride) or (3,3'4,4'-diphenylsulfonetetracarboxylic dianhydride) or (3,3'4, 4'-benzophenonetetracarboxylic dianhydride) or (3,3'4, 4'-biphenyltetracarboxylic dianhydride) or (3,3'4,4'-diphenylethertetracarboxylic dianhydride) or (2,2-bis(3, 4-anhydrodicarboxyphenyl)propane) or (2, 2-bis(3, 4-anhydrodicarboxyphenylhexafluoropropane)) or (5-(2, 5-dioxotetrahydro-3-furanyl)-3-methylcyclohexene-1,2-dicarboxylic anhydride) or (3a,4, 5,9b-tetrahydro-5-(tetrahydro-2, 4-dioxo-3-furanyl)-naphtho[1,2-c]fur- an-1, 3-dione)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/04/28 20:33
S14 4	8252	(4,4-diaminodiphenylmethane) or (3, 4'-diaminodiphenylmethane) or (4, 4'-diaminodiphenylether) or (3, 4'-diaminodiphenylether) or (4, 4'-diaminodiphenylsulfone) or (3, 4'-diaminodiphenylsulfone) or (4, 4'-diaminobenzophenone) or (3, 4'-diaminobenzophenone)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/04/28 20:33
S14 5	29	polyimide same unsaturat\$4 and S141 and S143 and S144	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/28 20:33
S14 6	4	polyimide same unsaturat\$4 same S141 and S143 and S144	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/28 20:33

## EAST Search History (Prior Art)

S14 9	13	alpha near5 beta near5 unsaturated ester same photosensi\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/28 21:27
S15 0	17	alpha near5 beta near5 unsaturated ester same polyester	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/28 21:28
S15 1	36332	(hydroquinone diglycidyl ether) or (catechol diglycidyl ether) or (resorcinol diglycidyl ether) or bisphenol\$1A or bisphenol\$1F or bisphenol\$1S or (2, 2-bis(4-hydroxyphenyl)-1,1,1,3,3, 3-hexafluoropropane) or (hydrogena\$6 near10 (bisphenol\$1A or bisphenol\$1F or bisphenol\$1S or (2, 2-bis(4-hydroxyphenyl)-1,1,1,3,3, 3-hexafluoropropane))) or (bromina\$6 near10 (bisphenol\$1A or bisphenol\$1F) or (cyclohexane dimethanol diglycidyl ether) or (1,6-hexanediol diglycidyl ether) or (1, 4-butanediol diglycidyl ether) or (diethyleneglycol diglycidyl ether) or (polysulfide diglycidyl ether) or (bixylenol near5 epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/28 21:45
S15 3	0	S141 near S151 near photo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/28 21:46
S15 7	26	S141 near10 S151 same poly\$1ol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/28 21:47